

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
 Data File : BF120111.D
 Acq On : 21 Apr 2020 19:19
 Operator : MA/SJ
 Sample : L2339-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN-4

Quant Time: Apr 22 01:49:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 13:48:22 2020
 Response via : Initial Calibration

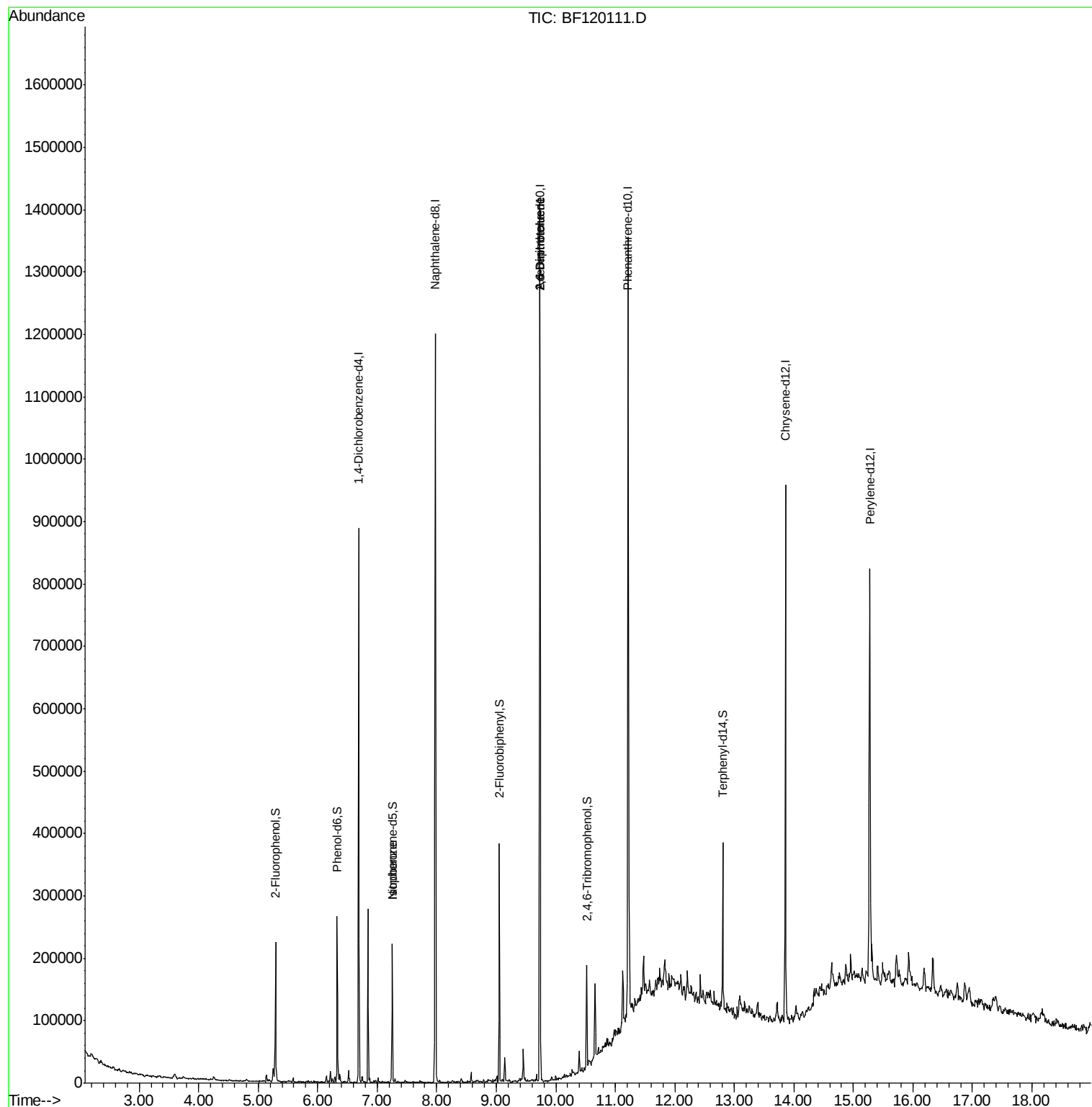
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	133431	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	507589	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	251462	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	437880	20.00	ng	0.00
76) Chrysene-d12	13.86	240	270331	20.00	ng	-0.01
87) Perylene-d12	15.27	264	290999	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	61906	8.02	ng	0.00
7) Phenol-d6	6.33	99	82758	8.32	ng	0.00
23) Nitrobenzene-d5	7.25	82	54937	5.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.52	330	17726	5.76	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	113639	6.42	ng	-0.01
79) Terphenyl-d14	12.80	244	79502	4.95	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	274	Below Cal	Qvalue	# 1
25) Isophorone	7.25	82	54936	2.905 ng	#	65
51) 2,6-Dinitrotoluene	9.73	165	31626	7.425 ng	#	19
57) 2,4-Dinitrotoluene	9.73	165	31626	5.636 ng	#	22

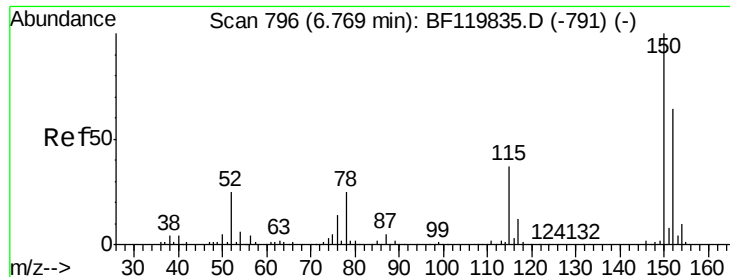
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042120\
Data File : BF120111.D
Acq On : 21 Apr 2020 19:19
Operator : MA/SJ
Sample : L2339-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN-4

Quant Time: Apr 22 01:49:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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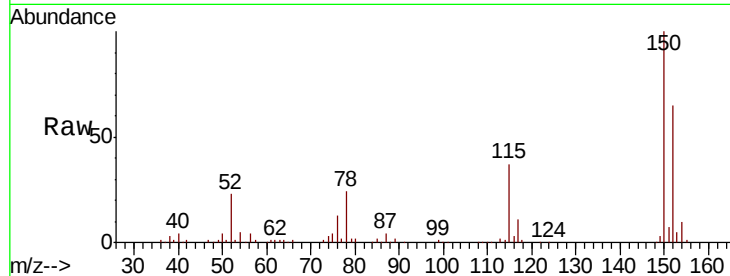


#1

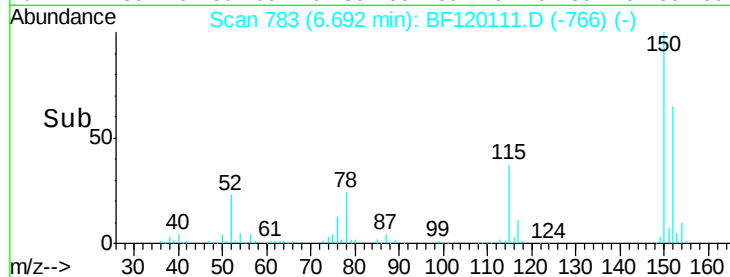
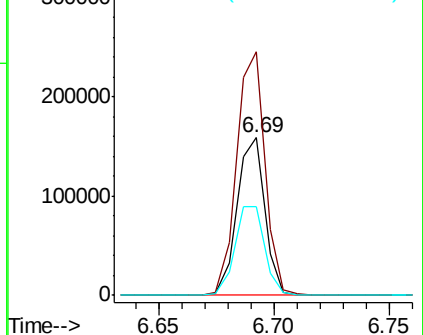
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF120111.D
Acq: 21 Apr 2020 19:19

Instrument :
BNA_F
ClientSampleId :
BIN-4

Tot Ion:152 Resp: 133431
Ion Ratio Lower Upper
152 100
150 154.4 124.8 187.2
115 56.4 46.5 69.7



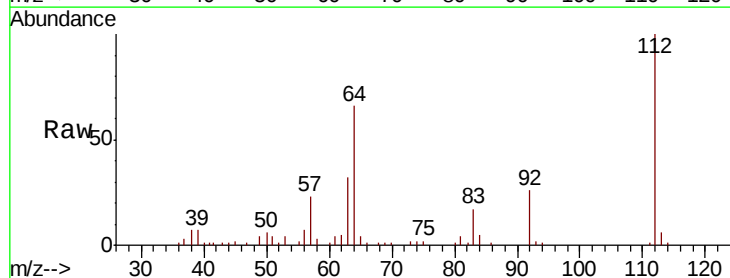
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



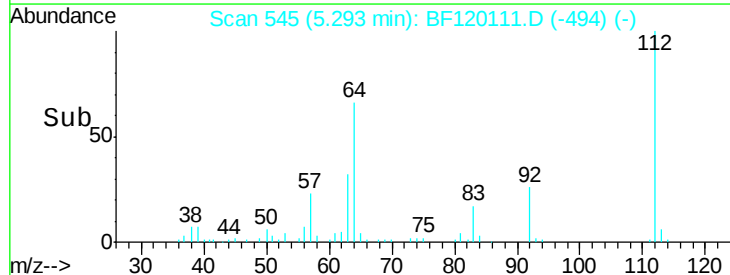
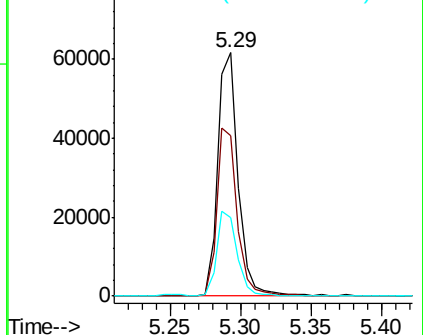
#5

2-Fluorophenol
Concen: 8.018 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF120111.D
Acq: 21 Apr 2020 19:19

Tgt Ion:112 Resp: 61906
Ion Ratio Lower Upper
112 100
64 65.9 55.5 83.3
63 32.3 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 8.318 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

Instrument :

BNA_F

ClientSampleId :

BIN-4

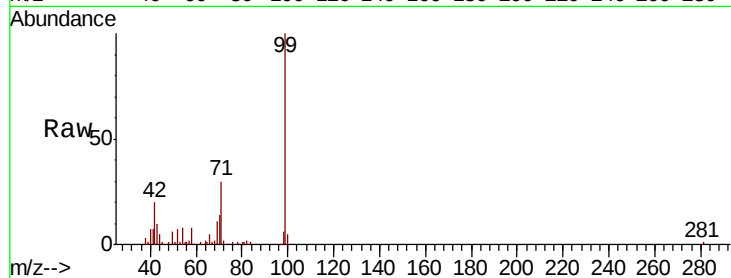
Tot Ion: 99 Resp: 82758

Ion Ratio Lower Upper

99 100

42 19.6 16.9 25.3

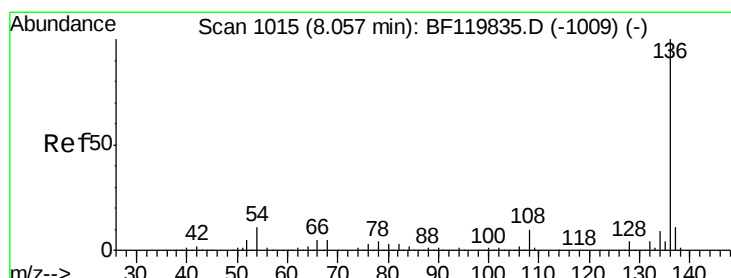
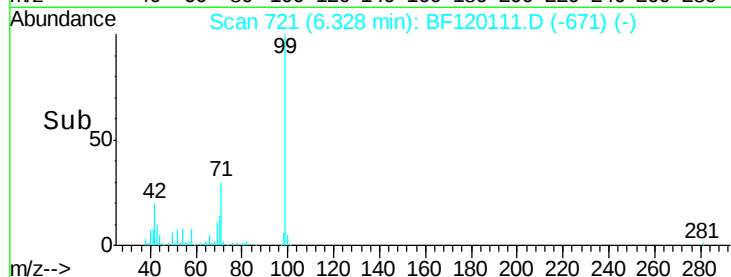
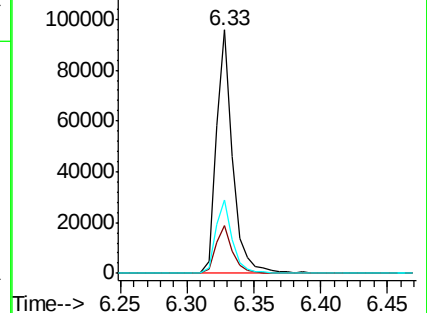
71 30.1 26.3 39.5



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

Tgt Ion: 136 Resp: 507589

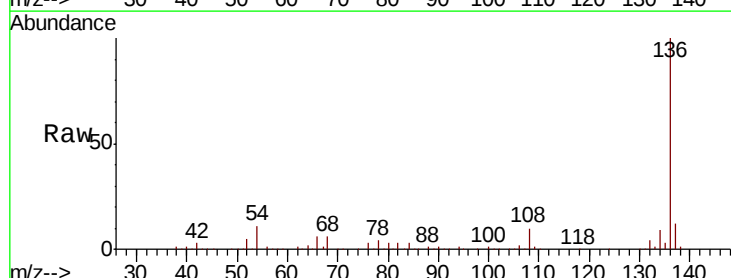
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 11.0 8.5 12.7

68 5.7 3.9 5.9

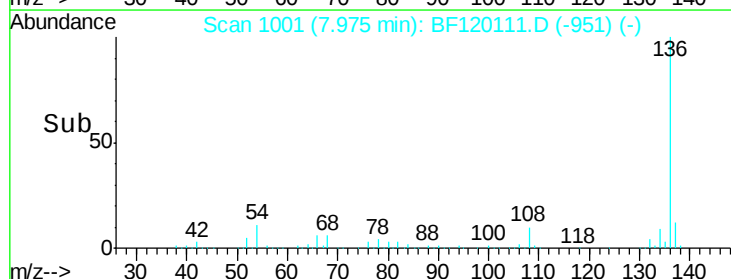
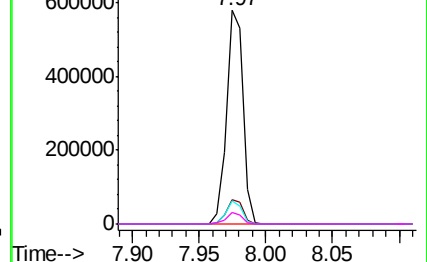


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

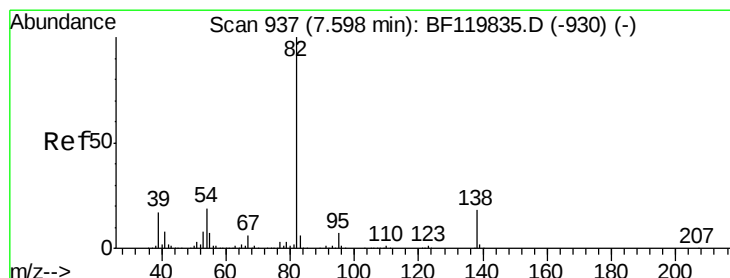
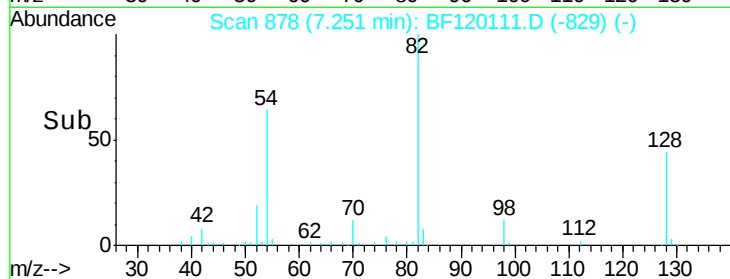
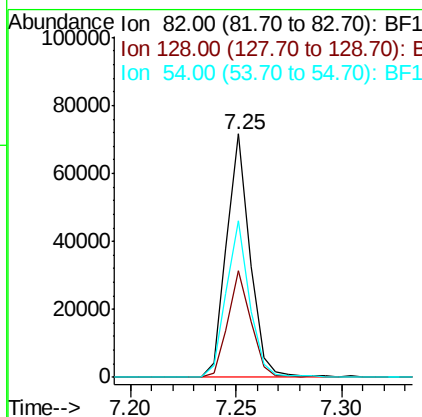
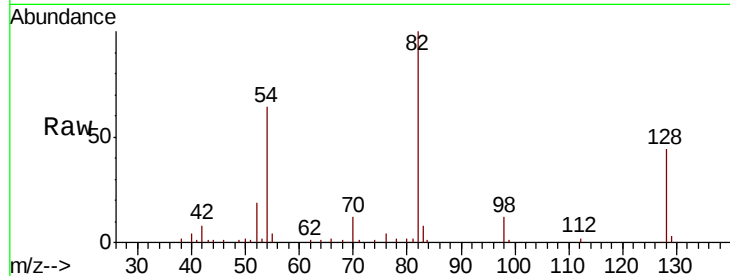




#23
Nitrobenzene-d5
Concen: 5.599 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120111.D
Acq: 21 Apr 2020 19:19

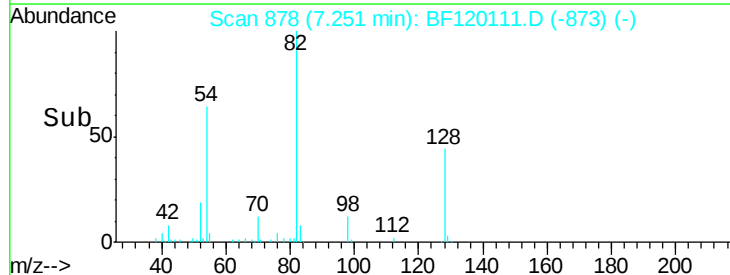
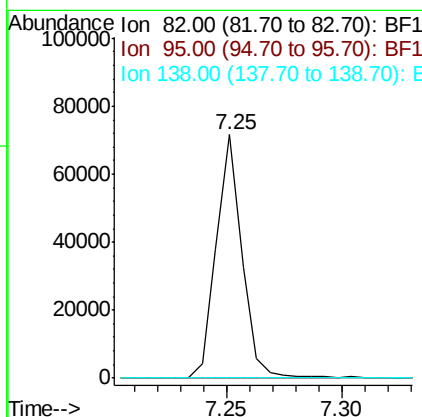
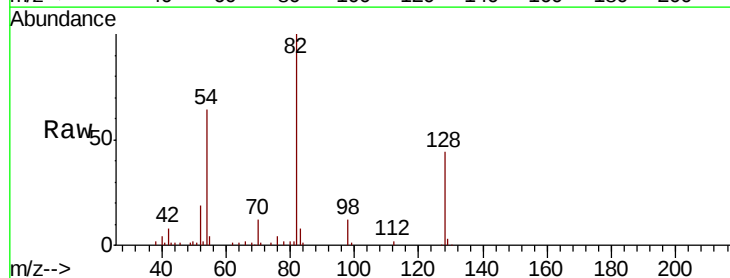
Instrument :
BNA_F
ClientSampleID :
BIN-4

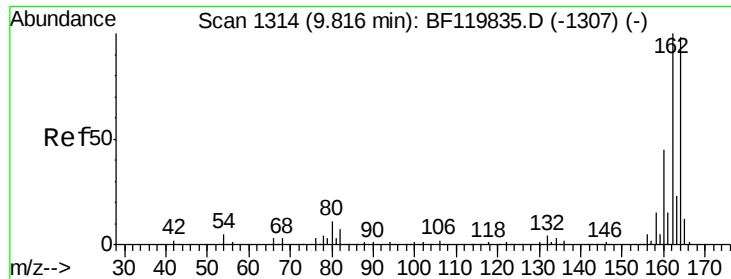
Tot Ion	82	Resp	54937
Ion Ratio	Lower	Upper	
82	100		
128	44.0	36.2	54.4
54	64.2	50.4	75.6



#25
Isophorone
Concen: 2.905 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.27 min
Lab File: BF120111.D
Acq: 21 Apr 2020 19:19

Tgt Ion	82	Resp	54936
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	14.5	21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

Instrument :

BNA_F

ClientSampleId :

BIN-4

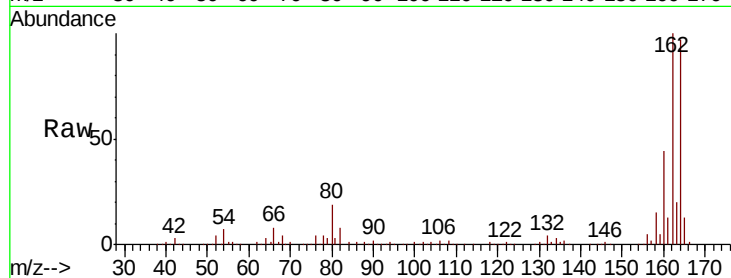
Tot Ion:164 Resp: 251462

Ion Ratio Lower Upper

164 100

162 102.8 81.9 122.9

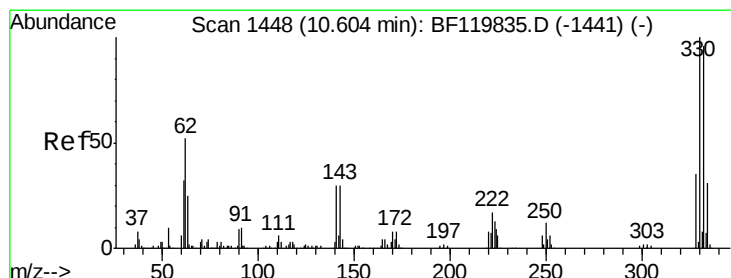
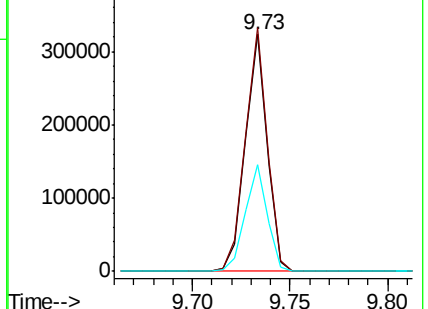
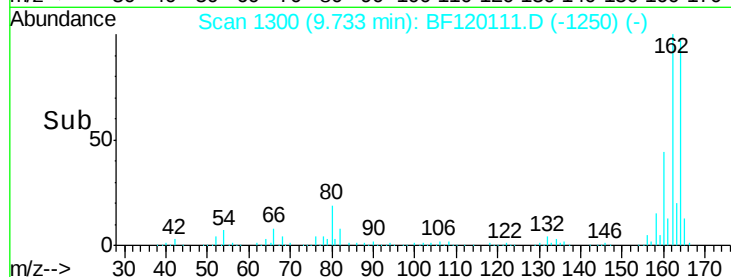
160 45.1 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 5.758 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

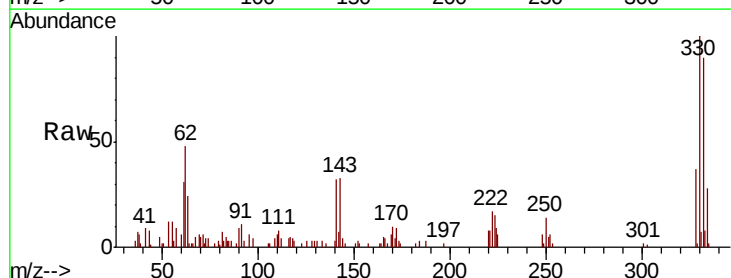
Tgt Ion:330 Resp: 17726

Ion Ratio Lower Upper

330 100

332 91.3 76.8 115.2

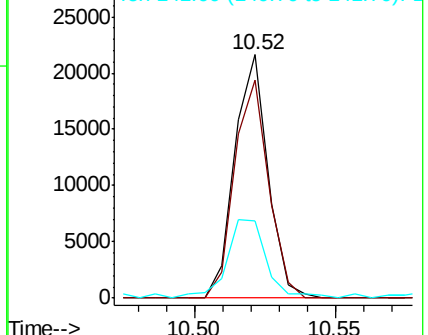
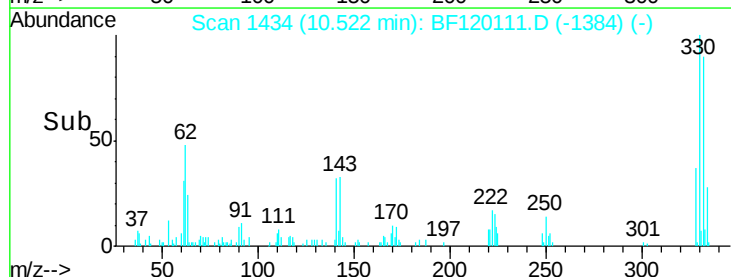
141 38.5 25.1 37.7#

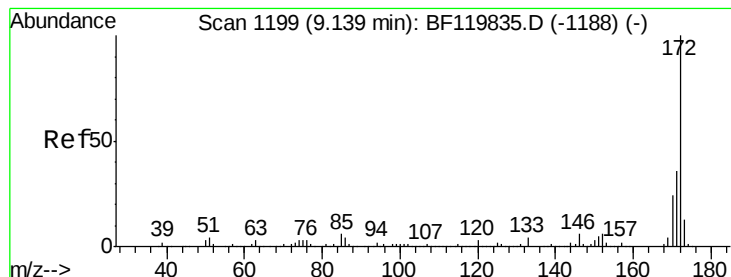


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 6.416 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

Instrument :

BNA_F

ClientSampleId :

BIN-4

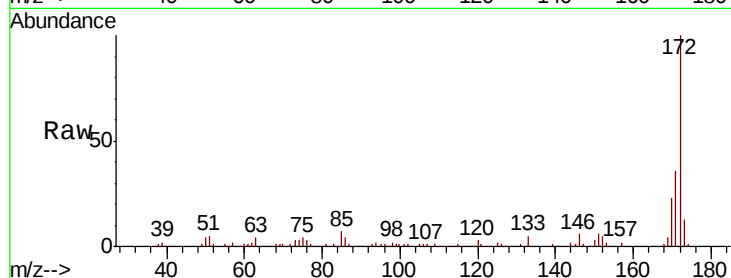
Tot Ion:172 Resp: 113639

Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

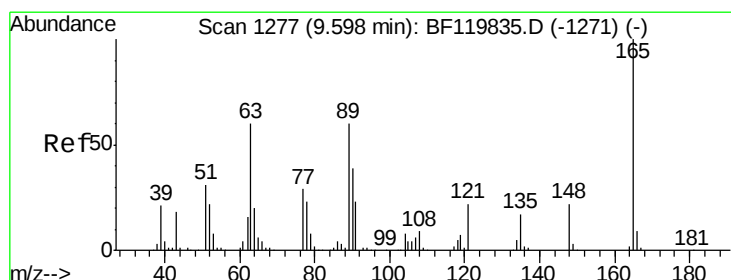
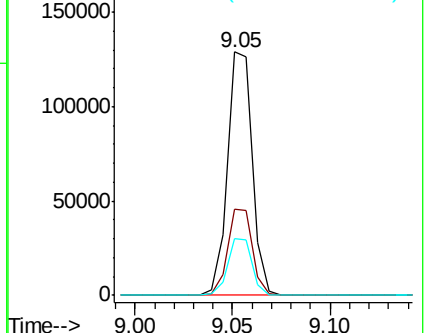
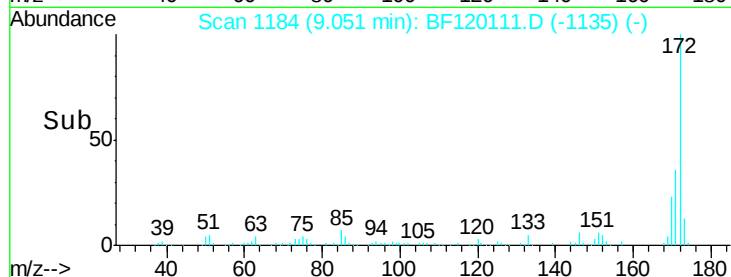
170 23.1 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51

2,6-Dinitrotoluene

Concen: 7.425 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

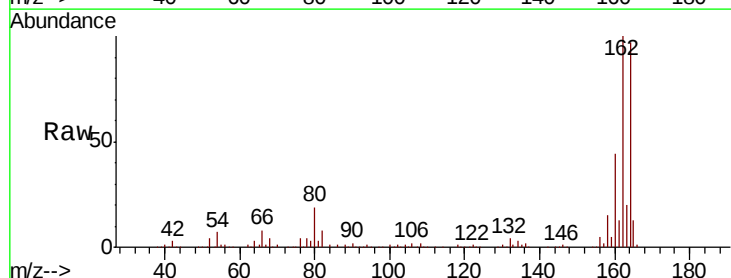
Tgt Ion:165 Resp: 31626

Ion Ratio Lower Upper

165 100

63 1.7 55.6 83.4#

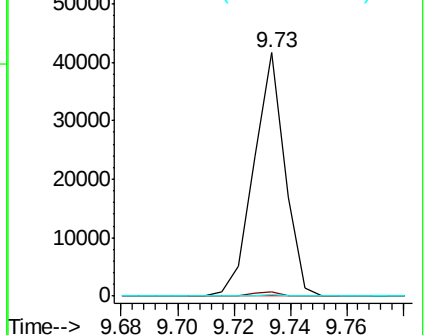
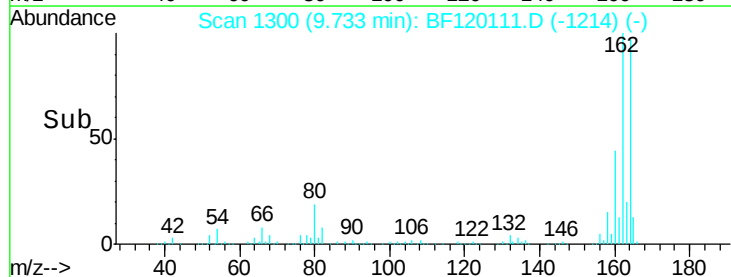
89 0.7 47.9 71.9#

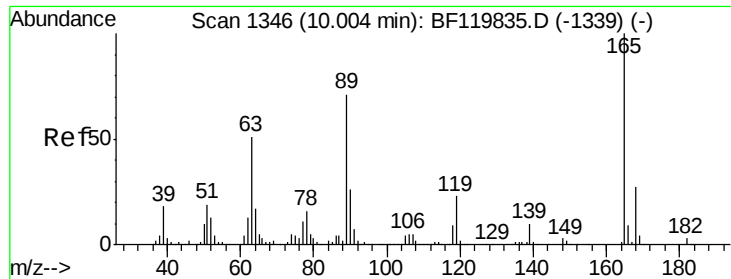


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

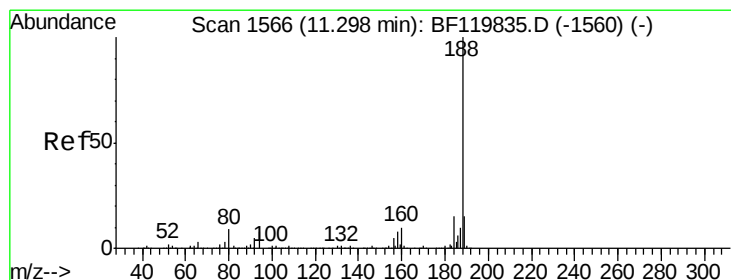
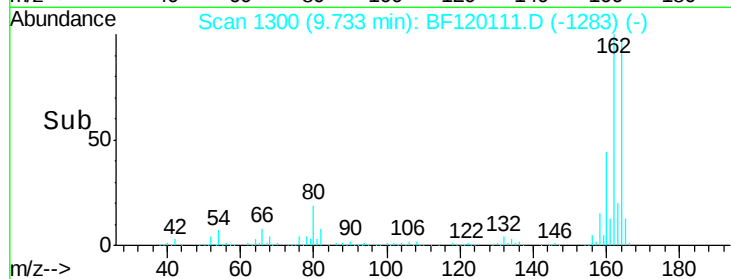
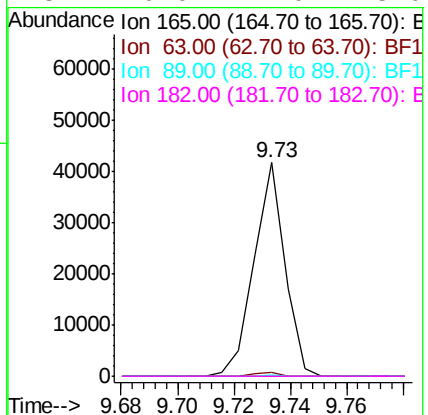
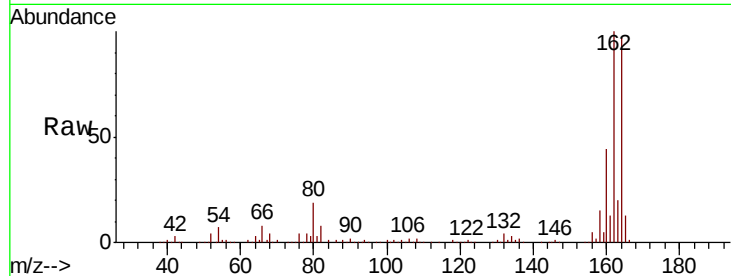




#57
 2,4-Dinitrotoluene
 Concen: 5.636 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.20 min
 Lab File: BF120111.D
 Acq: 21 Apr 2020 19:19

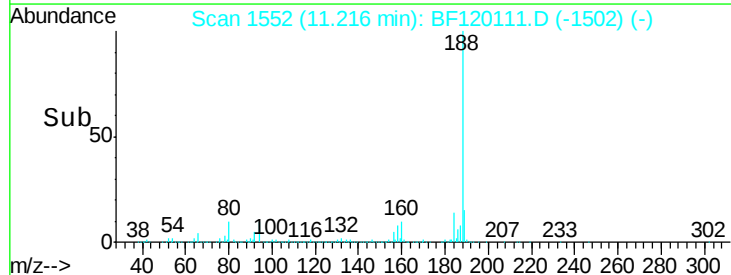
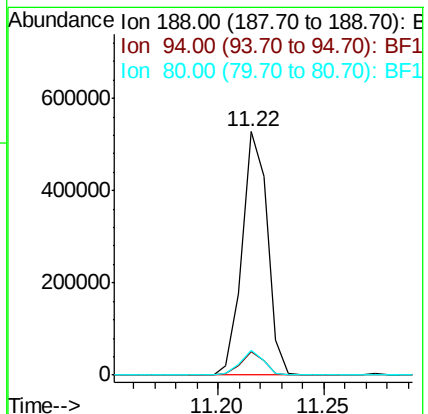
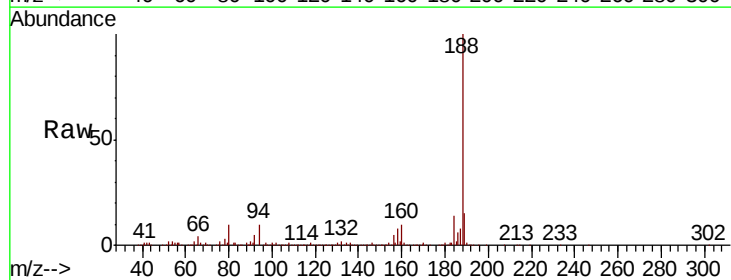
Instrument :
 BNA_F
 ClientSampleId :
 BIN-4

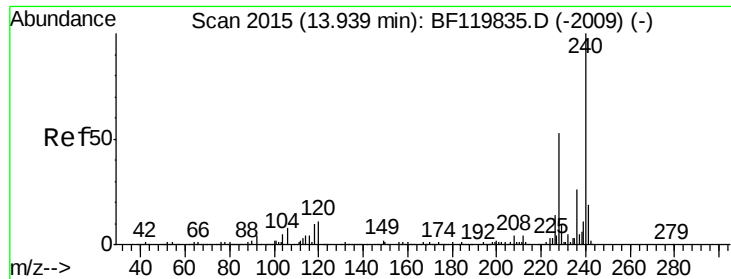
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.8	61.2#
89	0.7	56.9	85.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF120111.D
 Acq: 21 Apr 2020 19:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.7	10.1
80	10.3	7.4	11.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

Instrument :

BNA_F

ClientSampleId :

BIN-4

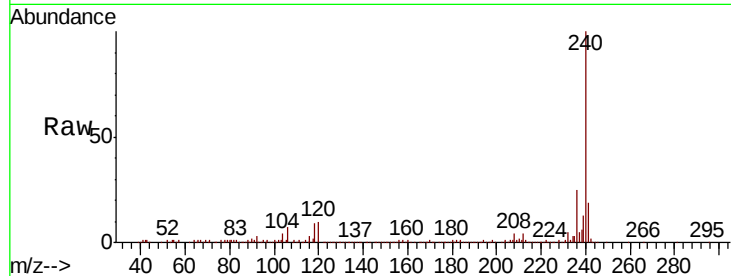
Tot Ion:240 Resp: 270331

Ion Ratio Lower Upper

240 100

120 10.4 9.0 13.6

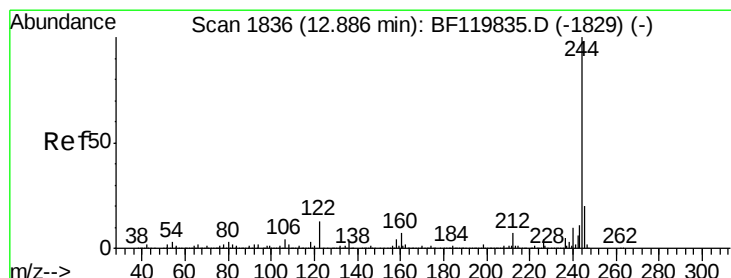
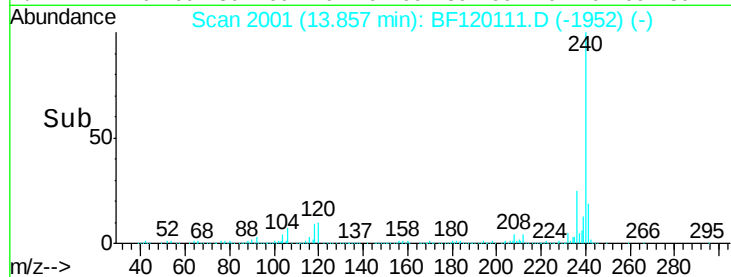
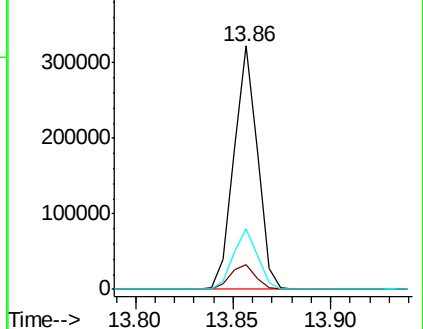
236 24.8 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 4.949 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120111.D

Acq: 21 Apr 2020 19:19

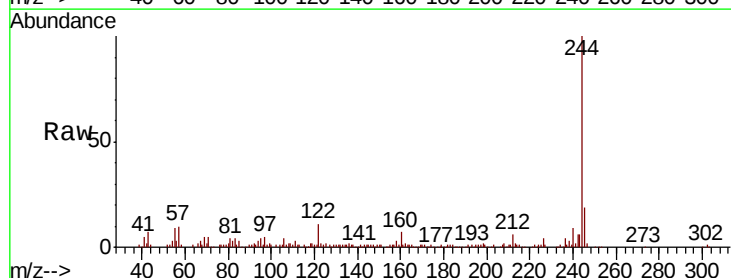
Tgt Ion:244 Resp: 79502

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

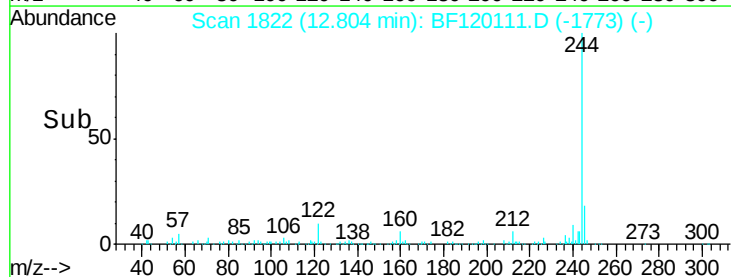
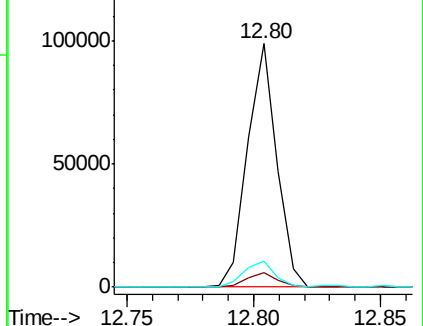
122 10.7 10.3 15.5

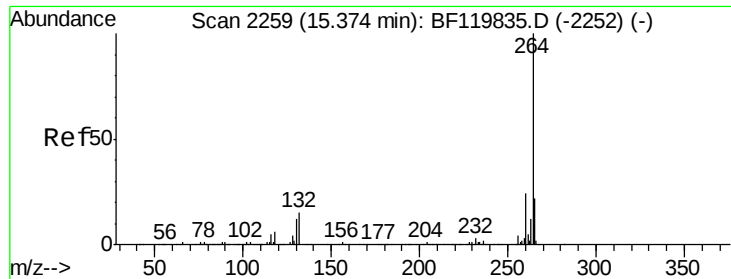


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BF120111.D
 Acq: 21 Apr 2020 19:19

Instrument :
 BNA_F
 ClientSampleId :
 BIN-4

Tot Ion:	264	Resp:	290999
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.3	28.9
265	21.2	17.6	26.4

